

TITLE

PROCESS FOR IMPROVING THE EMISSION OF
ELECTRON FIELD EMITTERS

ABSTRACT

5 This invention provides a process for improving the field emission of an
electron field emitter comprised of an acicular emitting substance such as acicular
carbon, an acicular semiconductor, an acicular metal or a mixture thereof,
comprising applying a force to the surface of the electron field emitter wherein the
force results in the removal of a portion of the electron field emitter thereby
10 forming a new surface of the electron field emitter.

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WJC/dmm